

GTM-10/20 Series

10~120kVA Modular UPS



Power Range

10~120kVA



Operation

3P/3P,3P/1P,1P/1P,Online double conversion



Application

Government, Finance, IT, Education, Transportation, Broadcasting, Medical, Energy, etc.



Characteristics

- 7 inch touch LCD, with IoT functions.
- Supports 3P/1P,1P/1P flexibility configuration.
- High reliability and environmental adaptability, with protection of components level.
- No disassembly, direct mounted in 19 inch rack, or stand alone.
- Extreme high power density,30kW in 2U, friendly for space and maintenance.
- Supports supercharging, satisfy high-capacity lithium batteries.



Model		M10			M20		
		GTM020/10	GTM040/10	GTM060/10	GTM040/20	GTM080/20	GTM120/20
Rate Power		20kVA	40kVA	60kVA	40kVA	80kVA	120kVA
Main input	Input	3P5W (3P+N+PE)					
	Rate Voltage	380/400/415VAC(L-L)					
	Rate Freq.	50/60Hz					
	Input PF	>0.99					
	Current distortion	THDi<2%(100% Linear load)					
	Voltage range	304~478VAC(L-L)full load; 304~228VAC (L-L) power derate from 100% to 50%					
	Freq. range	40-70Hz					
Battery	Rate voltage	±120VDC(default 20 PCS,20-50 PCS, selceted)			±240VDC(default 40 PCS,30-50 PCS, selceted)		
	Charging capacity	50%*Pout (Limited by input current)					
	Charging accuracy	±1%					
Bypass	Rate voltage	380/400/415VAC(L-L)					
	Voltage range	Range: -40%- +25% , Settable, default -20% ~ +15%;					
	Overload	<110%, long time operation;110%< load<125%, 10 mins 125%<load<150%,1 min					
Inverter	Rate voltage	380/400/415VAC(L-L)					
	Rate Freq.	50/60Hz					
	Output PF	1					
	Voltage accuracy	±1.0%					
	Output THDu	<1%(linear load),<5% (non-linear load according to IEC 62040-3)					
	Overload	110%,1 hour; 125%,10 mins; 150%,1 min; >150%,200ms					
	Frequency accuracy	0.1%					
	Synchronize window	Settable , ±0.5Hz-±5Hz, default ±3Hz					
	Slew rate	Settable , 0.5Hz/S-3Hz/S, default 0.5Hz/S					
	Phase Accuracy	120°±0.5°					
System	Efficiency-normal mode	Max 96.7%					
	Display	LED + 7 inch touch LCD					
	Certification- Safety	IEC62040-1, IEC60950-1					
	Certification- EMS	IEC62040-2; IEC61000-4-2(ESD); IEC61000-4-3(RS); IEC61000-4-4 (EFT); IEC61000-4-5 (Surge)					
	IP degree	IP20					
	Configuration	USB, RS232, RS485, Dry contact, Cold start, Air filter, Ethernet port					
	Option	SNMP card, AS400 card, SPD, Parallel kit					
	Environment	0-40℃(operation); -25℃~70℃(storage); 0-95% (Humidity, non-condensing)					
	Noise(dB)(1 meter)	65dB @ 100% load, 62dB @ 45% load					
Weight(kg) Module		12.65			13.85		
Cabinet		2-Slots	4-Slots(10kVA power module)		4-Slots	6-Slots	
		GTM020/10;GTM040/20		GTM040/10	GTM080/20		GTM060/10;GTM120/20
Dimention (W*D*H)mm	Body dimention (Wheels not included)	442*711*307(7U)		442*710*485(11U)		442*661*705(16U)	
	MAX dimention	442*751*397		442*751*575		442*841*797	
Weight(kg) Cabinet		39		52		64	
						88	

Statement: The products will continue to be innovative and optimized, which may lead to asynchronous updates of the actual product and promotional materials. Therefore, this document is for reference only and does not constitute any offer or commitment.